

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/018180

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C07D209/82 C07D401/12 A61K31/4439 A61K31/403 A61P31/20		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07D A61K		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, CHEM ABS Data, BEILSTEIN Data, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>A BAILEY: "Further examination of the reactions between arenesulphonyl azides and tetrahydrocarbazoles" JOURNAL OF THE CHEMICAL SOCIETY, PERKIN TRANS I, vol. 17, 1973, pages 1809-1818, XP001202705 see formula XIV and experimental</p> <p>EP 0 496 314 A (HOECHST ROUSSEL PHARMA) 29 July 1992 (1992-07-29)</p> <p>See general formula, definitions of R1 and R2, formula XXVIII and example 12</p> <p>WO 02/00632 A (HOFFMANN LA ROCHE) 3 January 2002 (2002-01-03) the whole document</p>	1-47
X		1,2,5, 18,19, 33,35,36
A		1-47
-/-		
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		
<input checked="" type="checkbox"/> Patent family members are listed in annex.		
<p>* Special categories of cited documents :</p> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p>		
<p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*&* document member of the same patent family</p>		
Date of the actual completion of the international search		Date of mailing of the International search report
12 October 2004		22/10/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Scruton-Evans, I

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 451 634 A (BAYER AG) 16 October 1991 (1991-10-16) see general formula I, definitions of A and X, and formula II, page 5 and examples -----	1-47
P,A	US 2003/232873 A1 (KOPPITZ MARCUS KARL ET AL) 18 December 2003 (2003-12-18) see general formula and definitions of Re,Rf -----	1-47

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Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 45-47 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remarks on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

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Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 0496314	A	29-07-1992	US	5100891 A		31-03-1992
			AT	158790 T		15-10-1997
			AU	650315 B2		16-06-1994
			AU	1027992 A		23-07-1992
			BR	9200171 A		06-10-1992
			CA	2059610 A1		19-07-1992
			CS	9200129 A3		12-08-1992
			DE	69222444 D1		06-11-1997
			DE	69222444 T2		04-06-1998
			DK	496314 T3		18-05-1998
			EP	0496314 A1		29-07-1992
			ES	2109953 T3		01-02-1998
			FI	920192 A		19-07-1992
			FI	970396 A		30-01-1997
			FI	970397 A		30-01-1997
			FI	20001775 A		10-08-2000
			GR	3025318 T3		27-02-1998
			HU	67027 A2		30-01-1995
			IE	920149 A1		29-07-1992
			JP	2665422 B2		22-10-1997
			JP	4334367 A		20-11-1992
			KR	230881 B1		15-11-1999
			MX	9200206 A1		01-08-1992
			NO	920235 A , B,		20-07-1992
			NZ	241305 A		26-10-1994
			PL	293209 A1		05-04-1993
			PL	296651 A1		26-07-1993
			RO	112505 B1		30-10-1997
			RU	2077530 C1		20-04-1997
			US	5472975 A		05-12-1995
			US	5514700 A		07-05-1996
			US	5192789 A		09-03-1993
			US	5298626 A		29-03-1994
			ZA	9200341 A		30-09-1992
WO 0200632	A	03-01-2002	AU	7058001 A		08-01-2002
			CA	2411157 A1		03-01-2002
			WO	0200632 A1		03-01-2002
			EP	1299364 A1		09-04-2003
			JP	2004501904 T		22-01-2004
			US	2002128262 A1		12-09-2002
EP 0451634	A	16-10-1991	AT	102618 T		15-03-1994
			AU	632213 B2		17-12-1992
			AU	7425291 A		17-10-1991
			CA	2039873 A1		11-10-1991
			DE	69101330 D1		14-04-1994
			DE	69101330 T2		16-06-1994
			DK	451634 T3		02-05-1994
			EP	0451634 A2		16-10-1991
			ES	2062591 T3		16-12-1994
			HU	57205 A2		28-11-1991
			IE	911186 A1		23-10-1991
			IL	97795 A		31-08-1995
			JP	4234846 A		24-08-1992
			NZ	237709 A		28-10-1992
			PT	97280 A		31-01-1992
			US	5204374 A		20-04-1993

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Information on patent family members

International Application No

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Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP 0451634	A		ZA 9102609 A	29-01-1992
US 2003232873	A1	18-12-2003	DE 10164564 A1	26-06-2003
			CA 2468880 A1	26-06-2003
			WO 03051837 A2	26-06-2003
			EP 1453803 A2	08-09-2004